SpaceWarps

Prepared for the

LSST Fermilab Monthly Meeting

May 14 2013
and the

Fermilab DES Science Weekly Meeting

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David Finley / Fermilab

SpaceWarps Launched May 8 2013

From http://www.interactions.org/cms/?pid=1032897

- Astronomers are asking volunteers to help them search for "space warps." More commonly known as "gravitational lenses" …

- http://spacewarps.org/ … Anyone can participate … Space Warps is a citizen science project from www.zooniverse.org

- Co-Leaders

  - Phil Marshall, University of Oxford (for now).

  - Anupreeta More (Kavli IPMU), the University of Tokyo

More on SpaceWarps

From http://www.interactions.org/cms/?pid=1032897

The first set of sky images to be inspected in this project is from the CFHT (Canada-France-Hawaii Telescope) legacy survey.

Following the CFHT legacy survey, other surveys will also be using Space Warps as a means to find lens systems in their data. For example, the Dark Energy Survey led by the United States and the Hyper Suprime-Cam survey led by Japan are interested in collaborating with Space Warps, too. Several upcoming large area surveys such as with Large Synoptic Survey Telescope and Euclid will certainly benefit from SpaceWarps.

Feel free to join in.

May 14 2013 email update

Greetings Space Warp fans,

Wow, what a week! Space Warps has had a phenomenal response since it launched on May 8th. You have made a staggering 1.7 million classifications so far - that's over 11,000 images swiped per hour! A big thank you to all of you, our new collaborators, in making this first week so successful.

We've just begun to analyse the first batch of data. Your classifications have already allowed us to retire about 80% of the images in the first dataset (or D1 as we call it) that we are pretty sure don't contain lenses. New images are now up on this site awaiting your classifications, this is the second of ten datasets in total …

With your help, we can make dataset 2 (or D2) as successful as D1. You can read more about the progress of the project on our blog, and we'll email you from time to time. It's great to see you enjoying Space Warps …

Thank you very much for your contribution!

Aprajita, Phil, Anupreeta and the Space Warps Team